

Transgenomic Incorporated

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Transgenomic, Inc., is a designer and manufacturer of state-of-the-art scientific instruments used in the analysis of DNA/RNA, amino acids, proteins, peptides, and carbohydrates. The company's Separations Group synthesizes and packages polymeric biochromatography media and columns under the name Sarasep. The company's Instrument Group designs and manufactures a wide range of sample introduction and detector products, on-line process monitoring systems, and accessories under the name CETAC Technologies. The company's Bio Group, operating under the Transgenomic name, has focused on biological applications and future biotechnology development.

Recent Publications by Transgenomic Incorporated:



- [Improved identification of von Hippel-Lindau gene alterations in clear cell renal tumors.](#)
*PURPOSE: To provide a comprehensive, thorough analysis of somatic mutation...*9th September, 2008
Transgenomic, Gaithersburg, Maryland, USA.- Clin Cancer Res. 2008 Aug 1;14(15):4726-34. ([DOI Direct Link](#))
- [Development of a rapid, reliable genetic test for pseudoxanthoma elasticum.](#)
*Mutations in the human ABCC6 gene cause pseudoxanthoma elasticum (PXE), a...*16th March, 2007
Transgenomic, Inc., 11 Firstfield Rd., Suite E, Gaithersburg, MD 20878,- J Mol Diagn. 2007 Feb;9(1):105-12. ([DOI Direct Link](#))
- [A method for clone sequence confirmation using a mismatch-specific DNA endonuclease.](#)
*Site-directed mutagenesis and polymerase chain reaction (PCR)-based...*11th May, 2006
Transgenomic, Inc., 11 Firstfield Road, Suite E, Gaithersburg, MD 20878,- Mol Biotechnol. 2005 Jan;29(1):11-8. ([DOI Direct Link](#))
- [Rapid, simultaneous genotyping of 10 Southeast Asian glucose-6-phosphate dehydrogenase deficiency-causing mutations and a silent polymorphism by multiplex primer extension/denaturing HPLC](#)

[essay.](#)

- Mutations in the human ABCC6 gene cause pseudoxanthoma elasticum (PXE), a...* 17th August, 2005
Transgenomic, Inc., Omaha, NE, USA.- Clin Chem. 2005 Jul;51(7):1288-91. ([DOI Direct Link](#))
- [Liver-specific expression of the agouti gene in transgenic mice promotes liver carcinogenesis in the absence of obesity and diabetes.](#)
BACKGROUND: The agouti protein is a paracrine factor that is normally... 16th December, 2004
Life Sciences Division, Oak Ridge National Laboratory, P,O, Box 2008, Oak- Mol Cancer. 2004 Jun 2;3:17. ([DOI Direct Link](#))
- [Mutation detection using Surveyor nuclease.](#)
We have developed a simple and flexible mutation detection technology for... 17th November, 2004
Transgenomic, Gaithersburg, MD, USA.- Biotechniques. 2004 Apr;36(4):702-7.
- [High sensitivity scanning of colorectal tumors and matched plasma DNA for mutations in APC, TP53, K-RAS, and BRAF genes with a novel DHPLC fluorescence detection platform.](#)
Tumor-associated DNA has been detected in plasma of colorectal cancer... 21st August, 2004
Translational and Clinical Research, Transgenomic, Inc., Omaha, Nebraska- Ann N Y Acad Sci. 2004 Jun;1022:250-6. ([DOI Direct Link](#))
- [Conformational screening of oligonucleotides by variable-temperature high performance liquid chromatography: dissecting the duplex-hairpin-coil equilibria of d\(CGCGAATTCGCG\).](#)
This study probes the potential of variable-temperature high performance... 20th July, 2004
Transgenomic, Inc., Biophysics Research, 10 Corporate Place South,- Biopolymers. 2004 Jun 15;74(3):221-31. ([DOI Direct Link](#))
- [Rapid, accurate genotyping of beta-thalassaemia mutations using a novel multiplex primer extension/denaturing high-performance liquid chromatography assay.](#)
Beta-thalassaemia is a common inherited disorder of haemoglobin synthesis... 17th September, 2003
Transgenomic- Br J Haematol. 2003 Jul;122(2):311-6.
- [The use of denaturing high-performance liquid chromatography \(DHPLC\) for the analysis of genetic variations: impact for diagnostics and pharmacogenetics.](#)
Over the past five years, denaturing high-performance liquid... 26th June, 2003
- Clin Chem Lab Med. 2003 Apr;41(4):452-61. ([DOI Direct Link](#))
- [Site-directed mutagenesis of exon 5 of p53: purification, analysis, and validation of amplicons for DHPLC.](#)
Reversed-phase ion-pair chromatography is used in its three modes of... 14th May, 2003
Transgenomic Inc., San Jose, CA 95131, USA.- Genet Test. 2002 Fall;6(3):177-84. ([DOI Direct Link](#))
- [Determination of melting temperature for variant detection using dHPLC: a comparison between an empirical approach and DNA melting prediction software.](#)
Detection of DNA sequence variants by the use of denaturing... 14th May, 2003
Transgenomic, Inc.,- Genet Test. 2002 Fall;6(3):169-76. ([DOI Direct Link](#))
- [Neurolinguistic programming: temperament and character types.](#)
Over the past five years, denaturing high-performance liquid... 13th May, 2003
Transgenomic, The Quadrangle, Crewe Hall, Weston Road, Crewe, Cheshire,- BMJ. 2003 Apr 19;326(7394):S133. ([DOI Direct Link](#))
- [In-depth mutation and SNP discovery using DHPLC gene scanning.](#)
Denaturing high-performance liquid chromatography (DHPLC) is a new... 29th April, 2003
Transgenomic Inc, 12325 Emmet Street, Omaha, NE 68164, USA.- Curr Opin Drug Discov Devel. 2003 Mar;6(2):237-52.
- [Neurolinguistic programming: verbal communication.](#)
Denaturing high-performance liquid chromatography (DHPLC) is a new... 4th April, 2003
American Board of Neuro-Linguistic Programming, Transgenomic, The- BMJ. 2003 Mar 15;326(7389):S83. ([DOI Direct Link](#))

- [Transgenomic Receives Accreditation From College of American Pathologists](#)
SmartBrief: Dec 11 2008 2:34PM Matching: transgenomic
- [Transgenomic, Inc. \(TBIO\) Receives Accreditation From College of American Pathologists](#)
BioSpace: Dec 11 2008 1:07AM Matching: transgenomic
- [Transgenomic Receives Accreditation From College of American Pathologists](#)
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- [Transgenomic Lab Accredited By College of American Pathologists](#)
GenomeWeb: Dec 10 2008 5:33PM Matching: transgenomic
- [Transgenomic Receives Accreditation From College of American Pathologists](#)
Montana's News Station: Dec 9 2008 9:49PM Matching: transgenomic
- [Transgenomic Obtains Exclusive License to DNA Damage Detection Technology](#)
FDA News: Dec 7 2008 10:56PM Matching: transgenomic
- [Transgenomic Signs Letter of Intent for an Agreement to Exclusive License With Option to Acquire Power3 Medica](#)
SmartBrief: Dec 6 2008 1:15PM Matching: transgenomic
- [Transgenomic acquires license to mtDNA damage detection technology](#)
Datamonitor: Dec 6 2008 8:53AM Matching: transgenomic
- [Transgenomic, Inc. \(TBIO\) Obtains Exclusive License to Mitochondrial DNA Damage Detection Technology](#)
BioSpace: Dec 6 2008 2:03AM Matching: transgenomic
- [Transgenomic Obtains Exclusive License to Mitochondrial DNA Damage Detection Technology](#)
MedIndia: Dec 5 2008 10:29PM Matching: transgenomic
- [Transgenomic Obtains Exclusive License to Mitochondrial DNA](#)
PR Newswire via MSN Money: Dec 4 2008 3:33PM Matching: transgenomic
- [Transgenomic Granted License](#)
Pharma Live: Dec 4 2008 8:48PM Matching: transgenomic
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- [Transgenomic Obtains Exclusive License to Mitochondrial DNA Damage Detection Technology](#)
Clinical Lab Products: Dec 4 2008 6:04PM Matching: transgenomic

Transgenomic Incorporated Patents:



- 6056877- [Non-polar media for polynucleotide separations](#)
- 6287822- [Mutation detection method](#)
- 6309549- [Polynucleotide separations on polymeric separation](#)
- 6342161- [Method for high resolution liquid chromatographic separation of double-stranded DNA](#)

- 6355165- [MIPC chromatographic apparatus with improved temperature control](#)
- 6355417- [Band array display of polynucleotide separations](#)
- 6355791- [Polynucleotide separations on polymeric separation media](#)
- 6361672- [Multiple laser diode electromagnetic radiation source in multiple electrophoresis channel systems](#)
- 6372130- [Non-polar media for polynucleotide separations](#)
- 6372142- [Column for DNA separation by matched ion polynucleotide chromatography](#)
- 6419824- [Apparatus and method for separating and purifying polynucleotides](#)
- 6265168- [Apparatus and method for separating and purifying polynucleotides](#)
- 6258264- [Non-polar media for polynucleotide separations](#)
- 6251272- [System and column for performing polynucleotide separations using liquid chromatography](#)
- 6066258- [Polynucleotide separations on polymeric separation media](#)
- 6074880- [Sample analyte containing solution fraction collection system, and method of use](#)
- 6103112- [MIPC chromatographic apparatus with improved temperature control](#)
- 6136195- [MIPC column cleaning system and process](#)
- 6156206- [Process for performing polynucleotide separations](#)
- 6174441- [Method for performing polynucleotide separations using liquid chromatography](#)
- 6177559- [Process for separation of polynucleotide fragments](#)
- 6187539- [Analysis of nicked DNA by matched ion polynucleotide chromatography](#)
- 6210885- [Modifying double stranded DNA to enhance separations by matched ion polynucleotide chromatography](#)
- 6218153- [Target DNA amplification by MIPC and PCR](#)
- 6455692- [Method of concentrating polynucleotides using MIPC](#)
- 6461819- [Analysis of nicked DNA by matched ion polynucleotide chromatography under denaturing conditions](#)
- 6652745- [Column for DNA separation by matched ion polynucleotide chromatography](#)
- 6703390- [Sulfur containing dihydrophthalazine antagonists of excitatory amino acid receptors](#)
- 6737022- [Fragment collector apparatus](#)
- 6838242- [Modifying double stranded DNA to enhance separations by matched ion polynucleotide chromatography](#)
- 6887867- [5H-2,3-benzodiazepine antagonists of excitatory amino acid receptors](#)
- 6894048- [Sulfur containing dihydrophthalazine antagonists of excitatory amino acid receptors](#)
- 7129075- [Isolated CEL II endonuclease](#)
- 7135289- [Methods and compositions for mutation analysis of polynucleotides by liquid chromatography](#)
- 7138518- [Liquid chromatographic separation of polynucleotides](#)
- 7169298- [Method and apparatus for separating polynucleotides using monolithic capillary columns](#)
- 6642374- [Process for separation of polynucleotide fragments](#)
- 6579459- [System and method for performing polynucleotide separations using liquid chromatography](#)
- 6576133- [Method and system for RNA analysis by matched ion polynucleotide chromatography](#)
- 6471866- [Process for performing polynucleotide separations](#)
- 6475388- [Method and system for RNA analysis by matched ion polynucleotide chromatography](#)
- 6482317- [Polynucleotide separations on polymeric separation media](#)
- 6485648- [MIPC column cleaning system and process](#)
- 6488855- [Non-polar media for polynucleotide separations](#)
- 6491821- [System and method for performing polynucleotide separations using liquid chromatography](#)
- 6503397- [Non-polar media for polynucleotide separations](#)
- 6521123- [Polynucleotide separations on polymeric separation media](#)
- 6521411- [Method and system for the preparation of cDNA](#)
- 6524480- [Non-polar media for polynucleotide separations](#)
- 7225079- [System and method for automated matched ion polynucleotide chromatography](#)

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